

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120439.D
 Acq On : 29 May 2020 15:17
 Operator : MA/SJ
 Sample : L2796-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-C

Quant Time: May 29 15:48:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

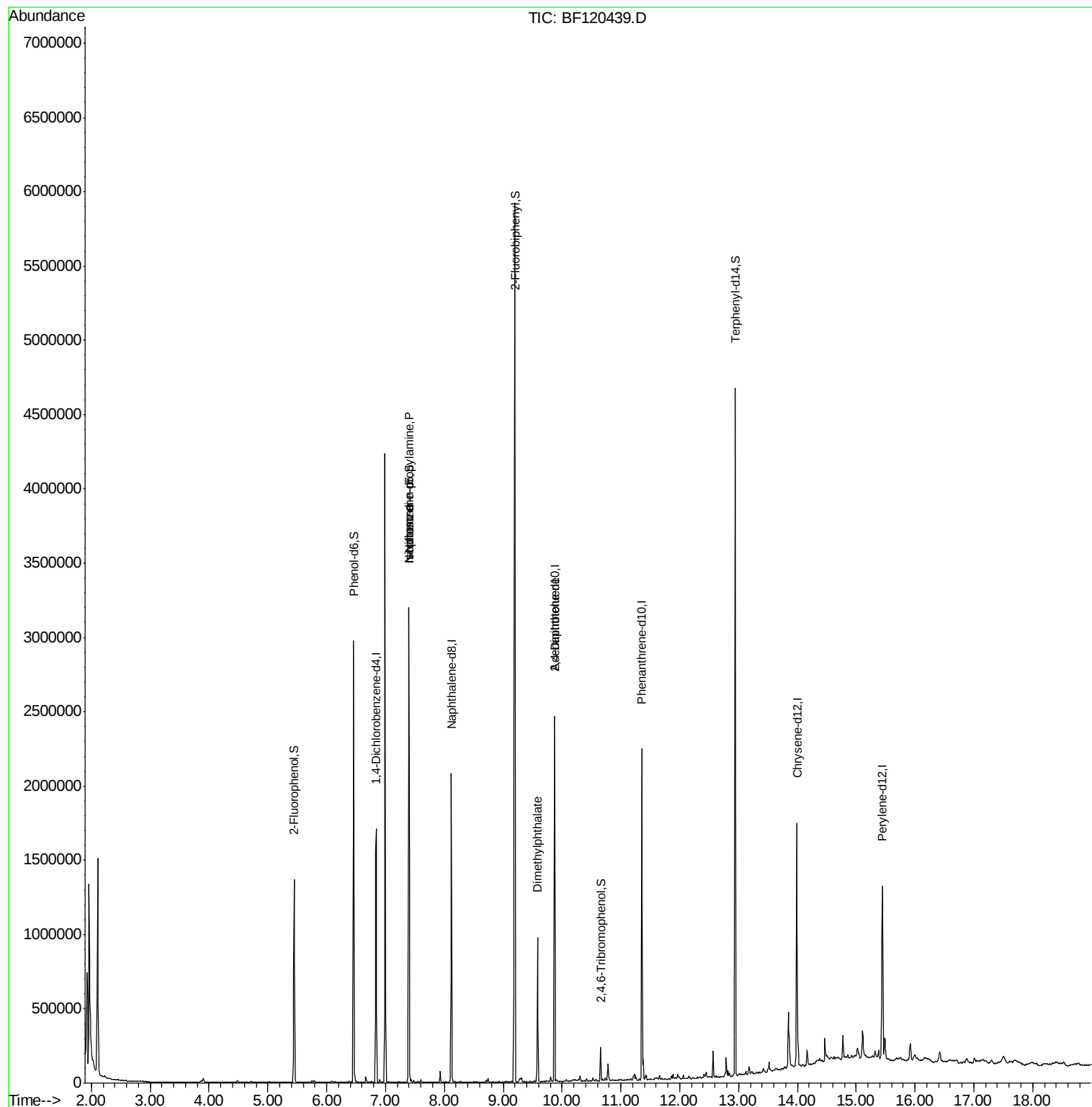
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262043	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	963073	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	464583	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	759533	20.00	ng	0.00
76) Chrysene-d12	13.99	240	502275	20.00	ng	0.00
86) Perylene-d12	15.44	264	551099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	340048	24.73	ng	0.00
7) Phenol-d6	6.46	99	1100284	64.92	ng	-0.01
23) Nitrobenzene-d5	7.40	82	985264	66.92	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	24464	5.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1900140	69.39	ng	0.00
79) Terphenyl-d14	12.94	244	1665119	73.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	131763	12.230	ng	# 79
25) Isophorone	7.40	82	979753	33.110	ng	# 64
50) Dimethylphthalate	9.59	163	327135	11.263	ng	99
57) 2,4-Dinitrotoluene	9.87	165	59189	7.165	ng	# 22

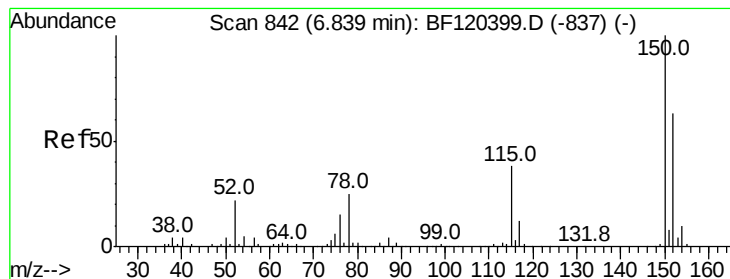
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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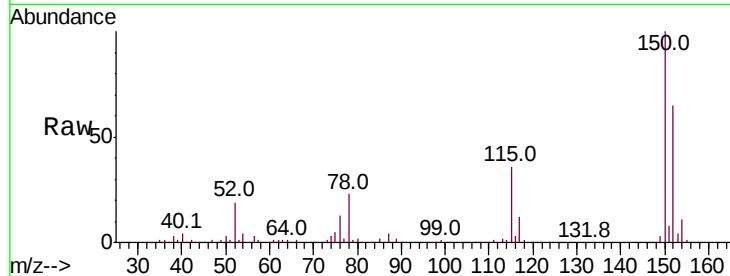


#1

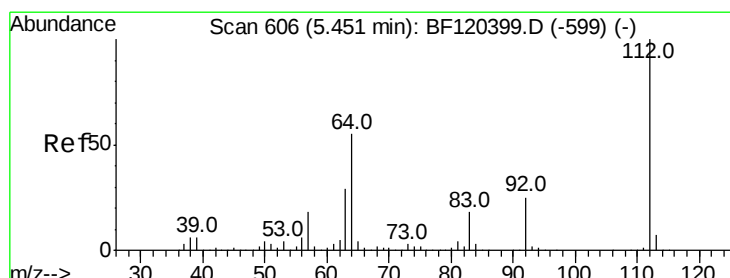
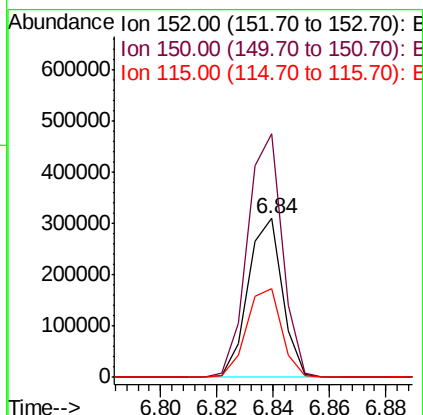
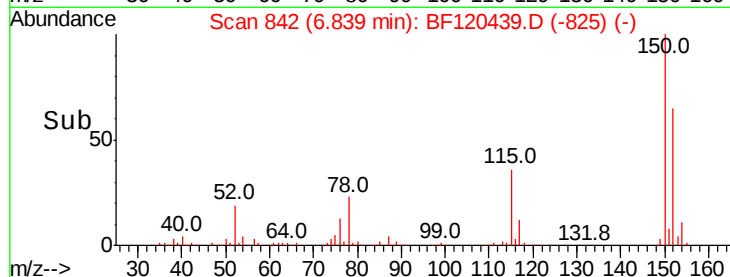
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

Tot Ion:152 Resp: 262043
Ion Ratio Lower Upper
152 100
150 153.3 126.5 189.7
115 55.9 47.6 71.4



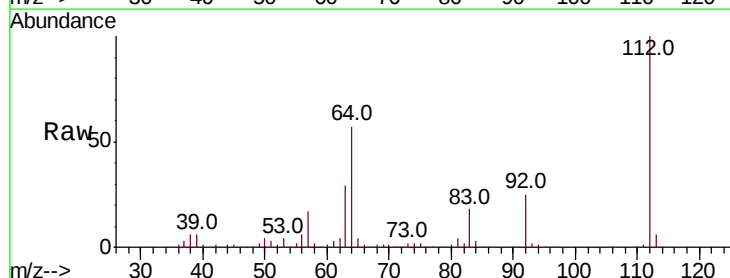
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



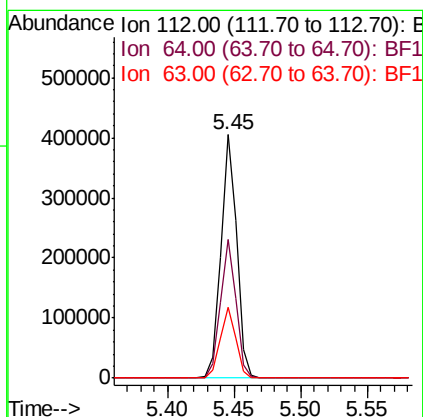
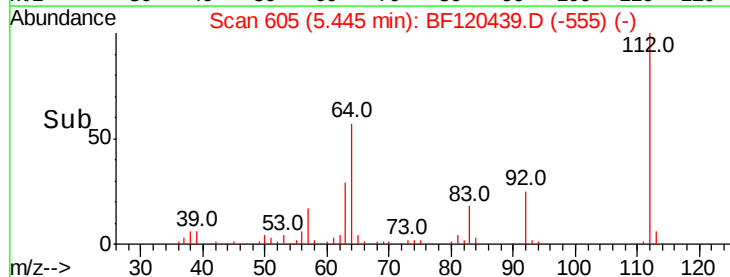
#5

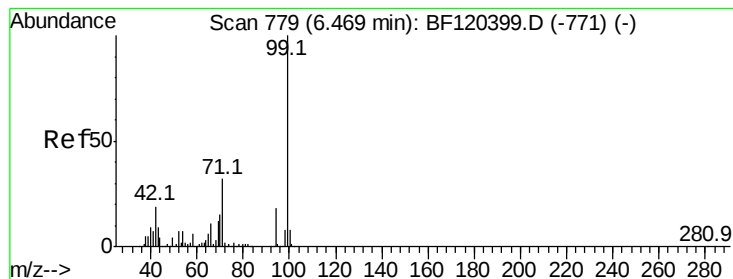
2-Fluorophenol
Concen: 24.731 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Tgt Ion:112 Resp: 340048
Ion Ratio Lower Upper
112 100
64 56.9 44.3 66.5
63 29.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 64.921 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

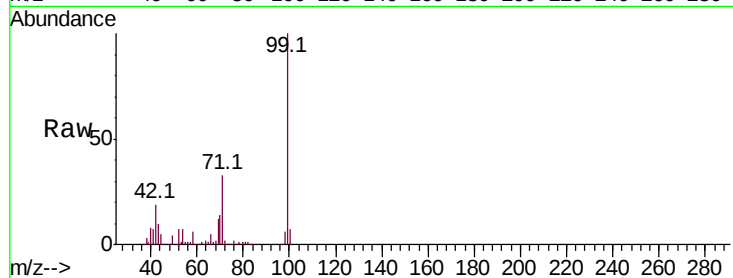
Tot Ion: 99 Resp: 1100284

Ion Ratio Lower Upper

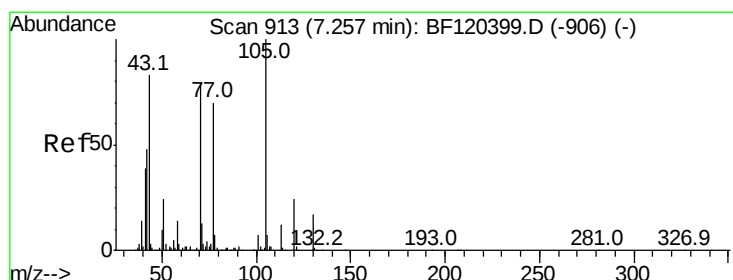
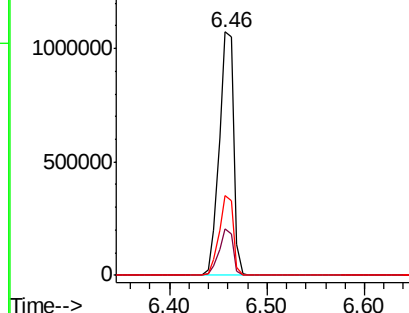
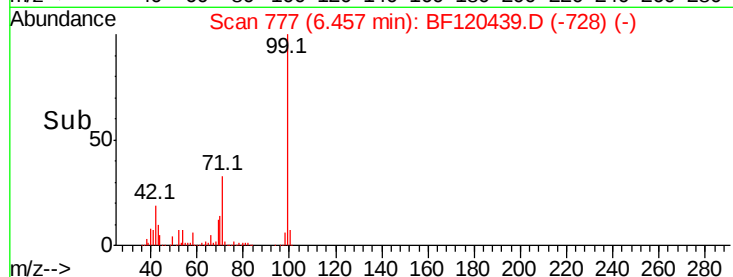
99 100

42 19.0 15.2 22.8

71 32.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.230 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Tgt Ion: 70 Resp: 131763

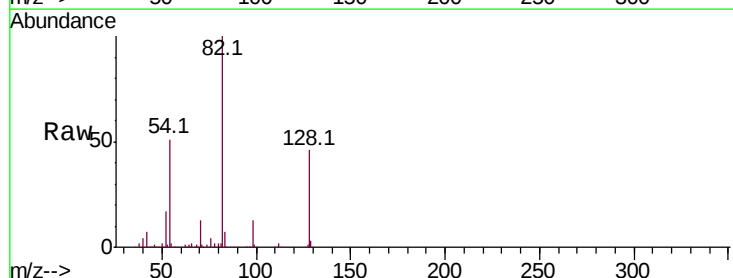
Ion Ratio Lower Upper

70 100

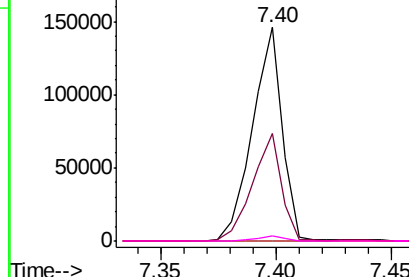
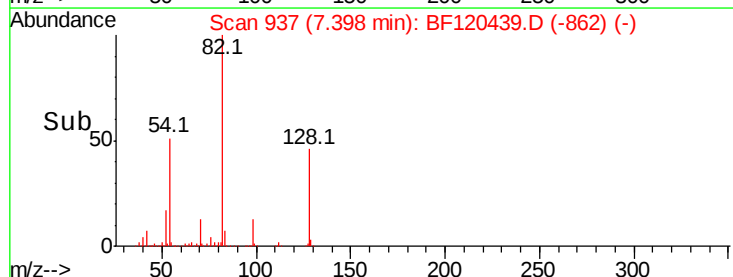
42 50.4 48.9 73.3

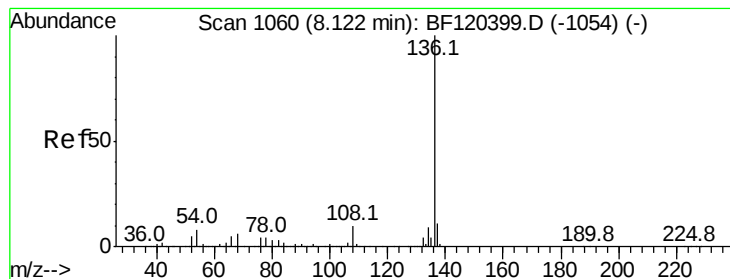
101 0.0 7.4 11.2#

130 2.4 16.8 25.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

Tot Ion:136 Resp: 963073

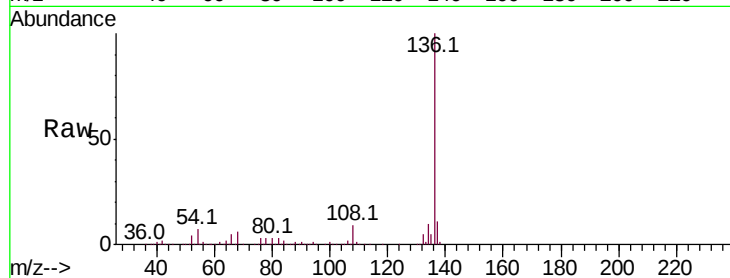
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 6.7 10.1

68 5.7 5.0 7.4

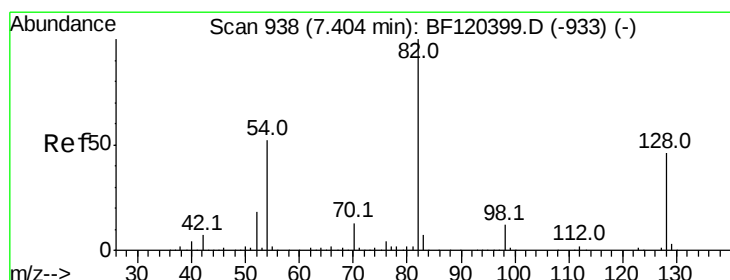
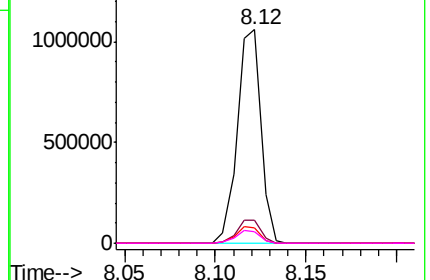
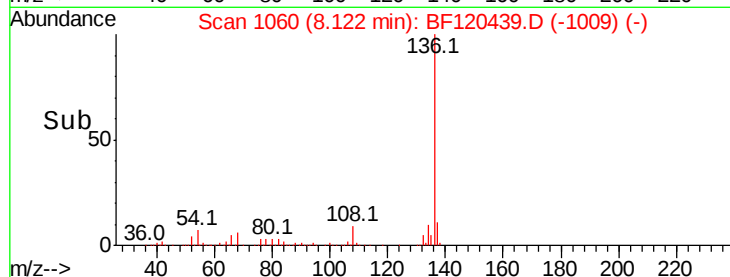


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 66.920 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

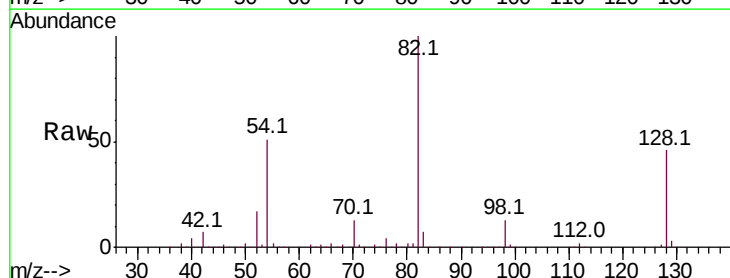
Tgt Ion: 82 Resp: 985264

Ion Ratio Lower Upper

82 100

128 45.7 36.8 55.2

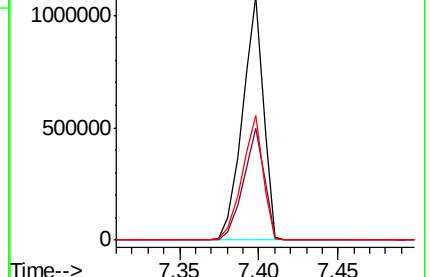
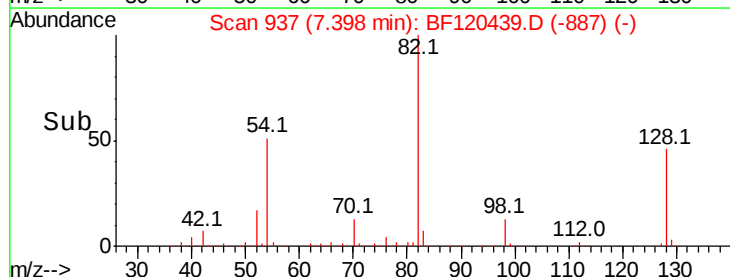
54 51.1 41.6 62.4

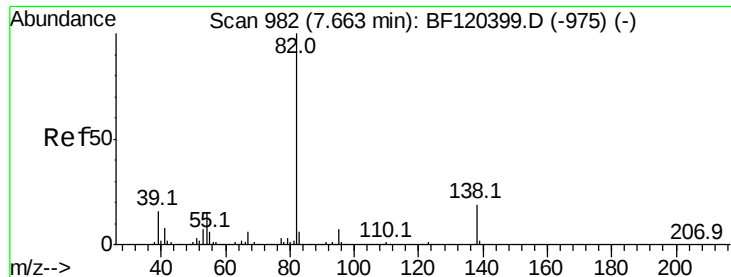


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.110 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

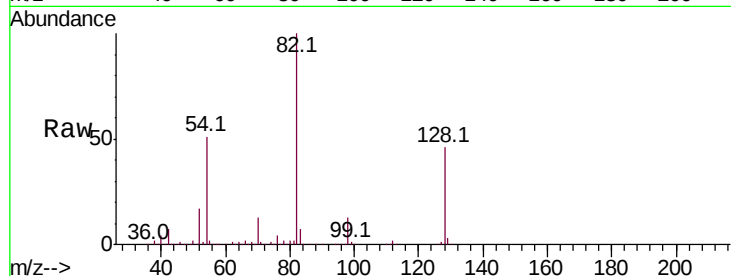
Tot Ion: 82 Resp: 979753

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

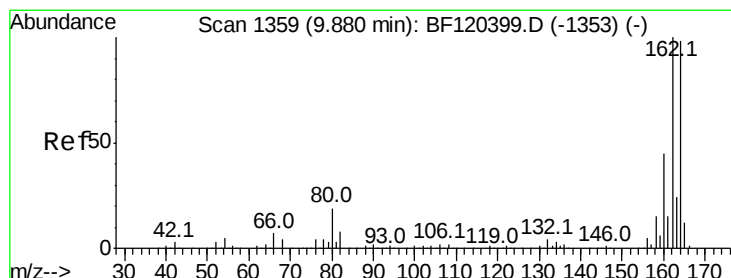
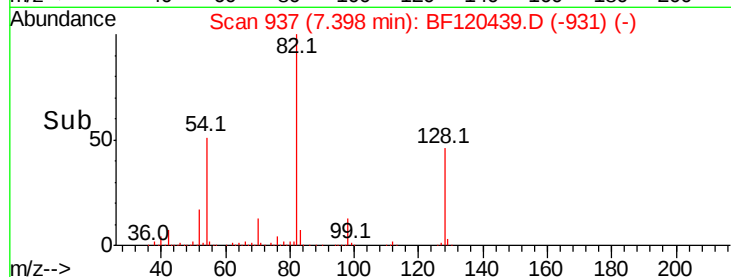
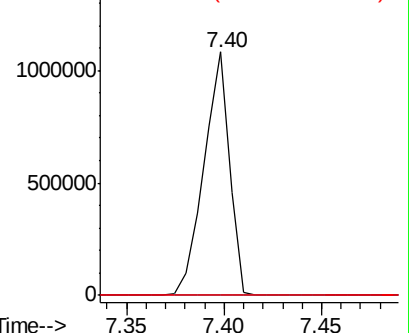
138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

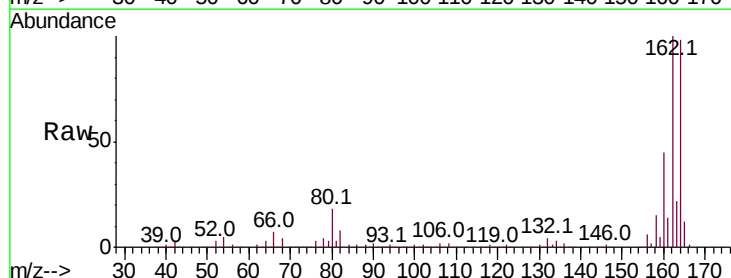
Tgt Ion:164 Resp: 464583

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

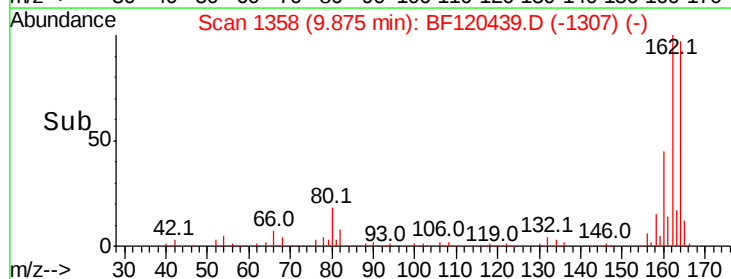
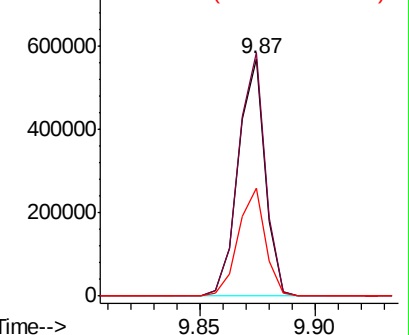
160 45.6 36.9 55.3

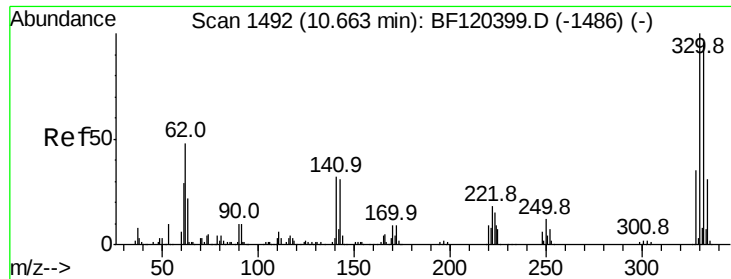


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

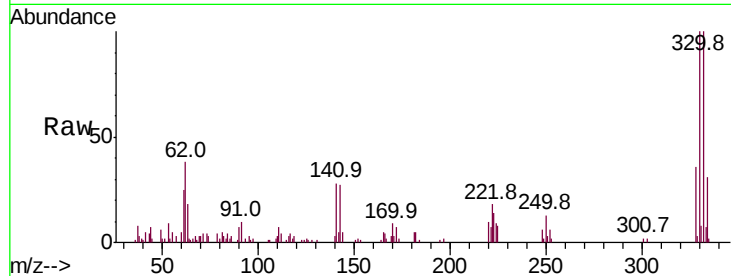




#42
 2,4,6-Tribromophenol
 Concen: 5.683 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120439.D
 Acq: 29 May 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	34.5	25.3	37.9

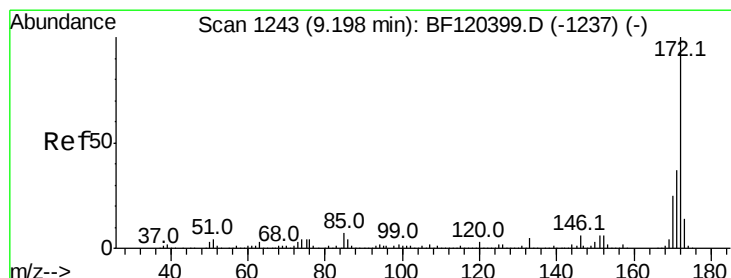
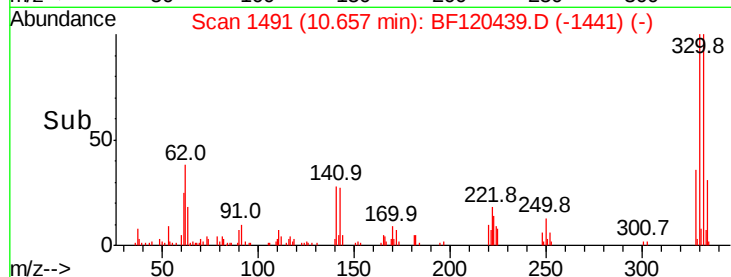
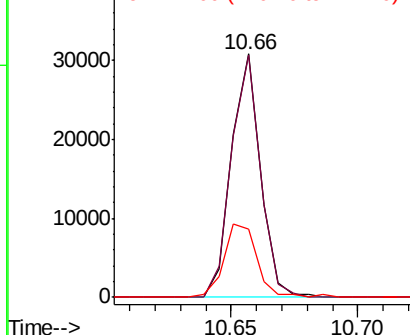


Abundance

Ion 329.80 (329.50 to 330.50): E

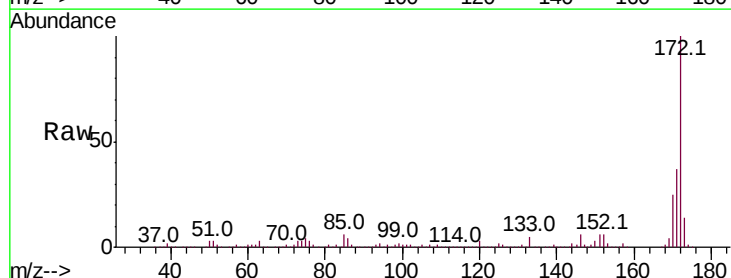
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.395 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120439.D
 Acq: 29 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.9	29.9

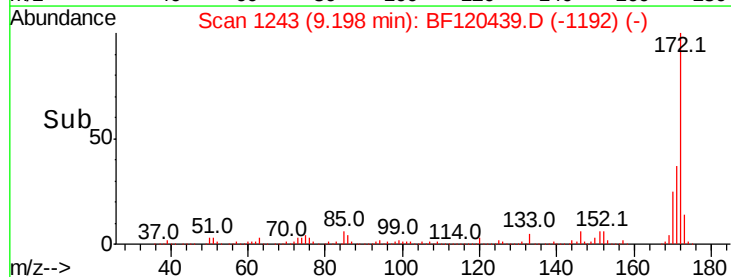
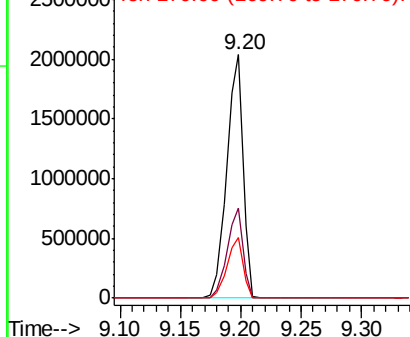


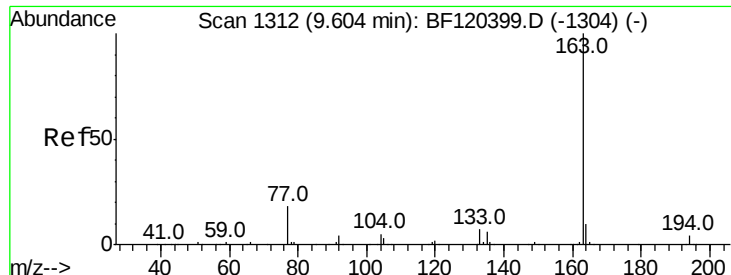
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

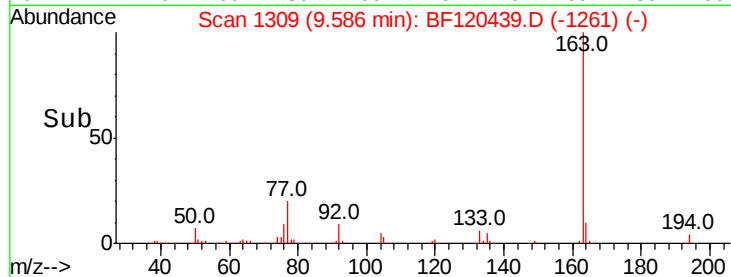
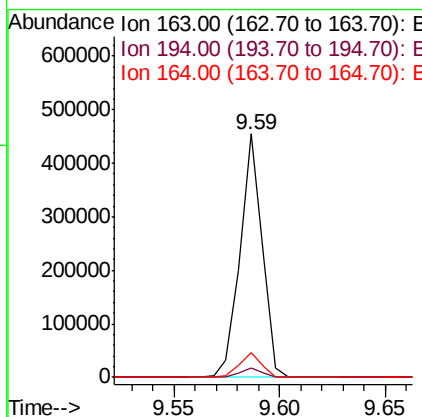
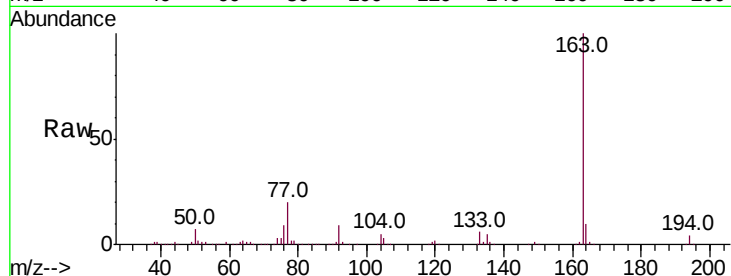




#50
Dimethylphthalate
Concen: 11.263 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

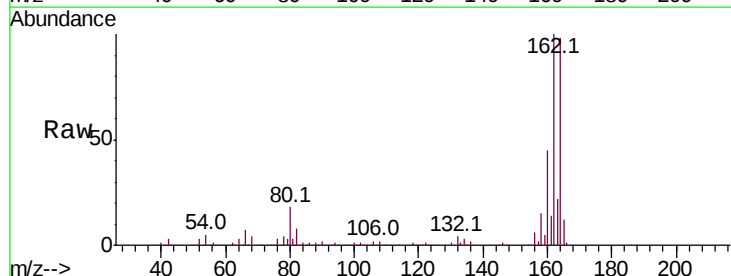
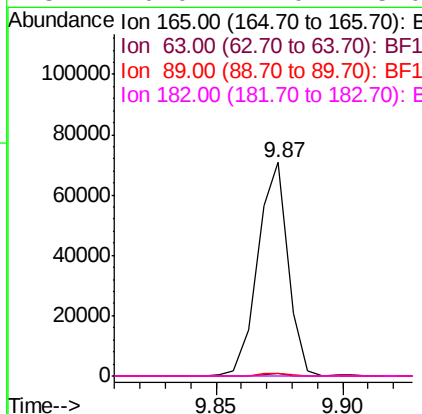
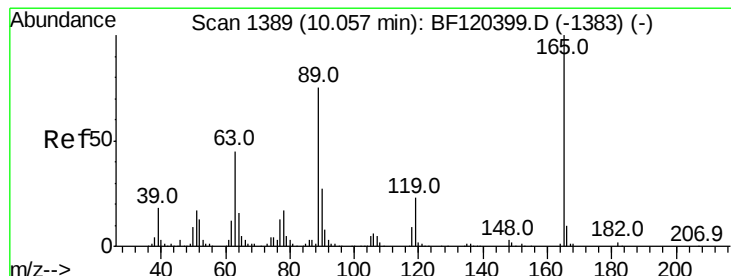
Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

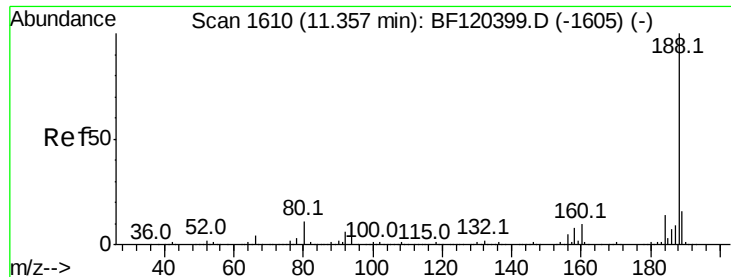
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.9	53.9#
89	1.3	60.0	90.0#
182	0.0	2.0	3.0#

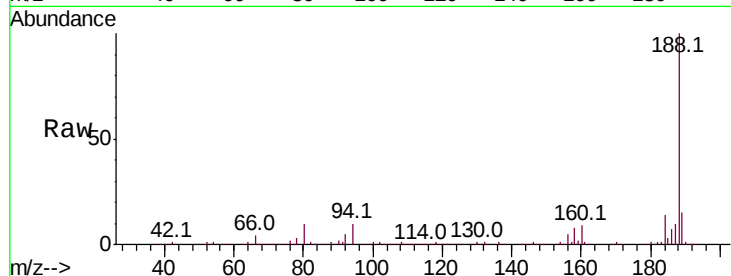




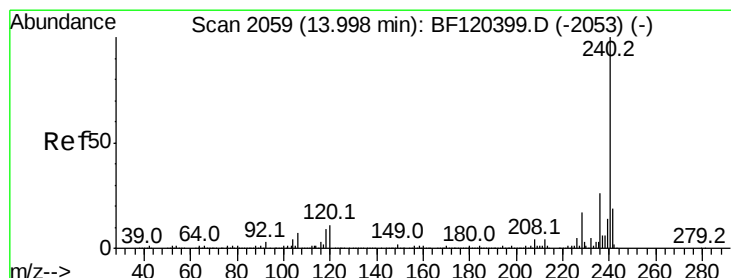
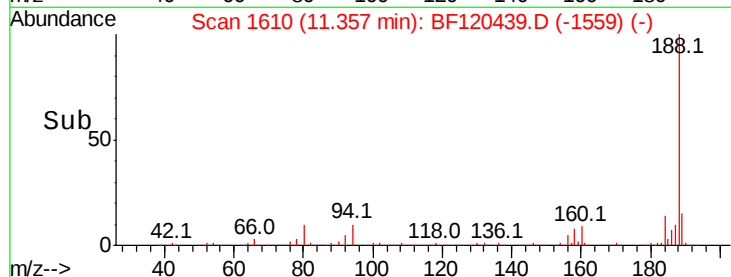
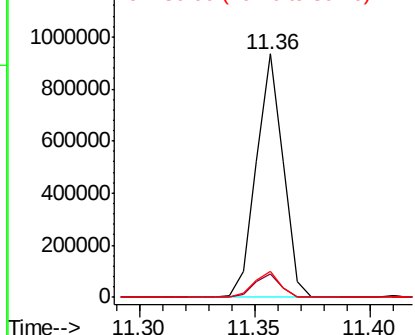
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.4	8.6	13.0

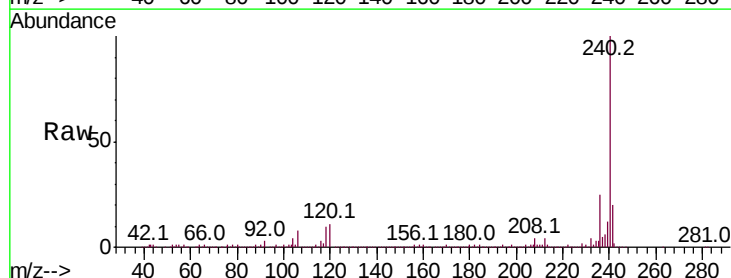


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

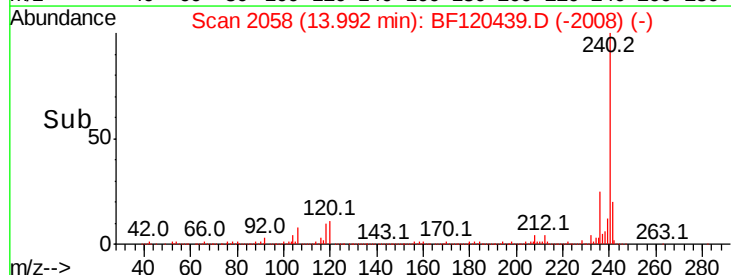
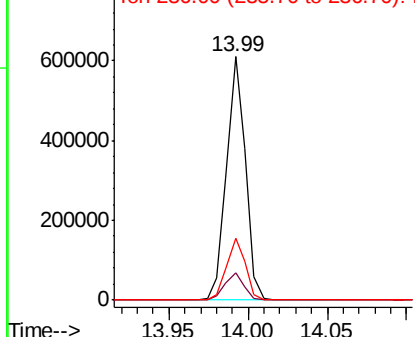


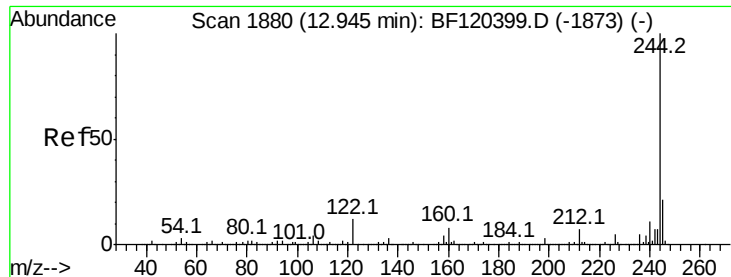
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.5	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.770 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

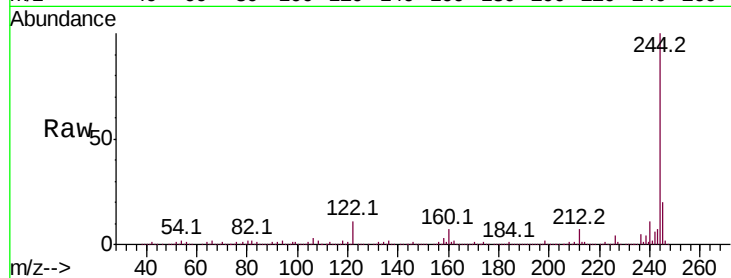
Tot Ion:244 Resp: 1665119

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

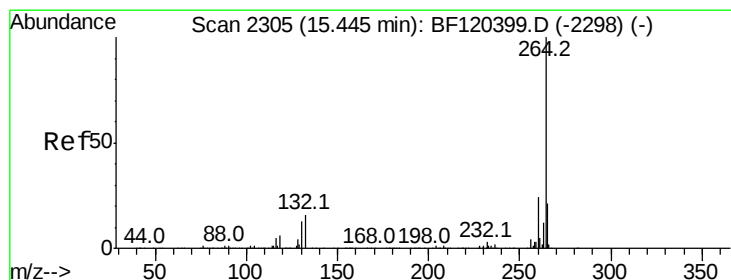
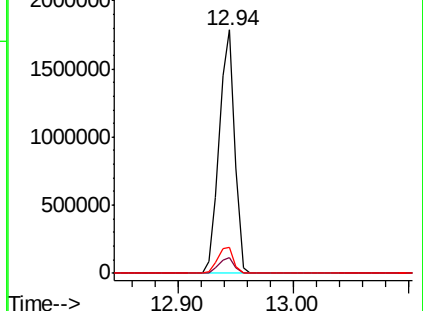
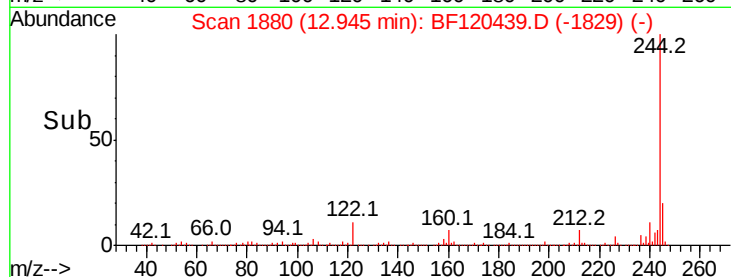
122 10.8 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

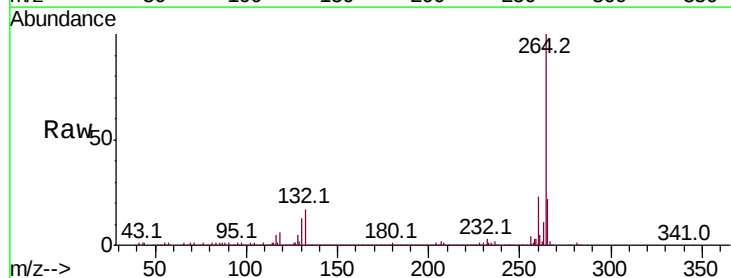
Tgt Ion:264 Resp: 551099

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

